

10/582269

PATENT

AP3 Rec'd PCT/PTO 09 JUN 2006

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Yasushi KOBUCHI et al.
Int'l Application No.: PCT/JP2004/018143
Application No.: NEW
Filed: June 9, 2006
For: SEPARATOR AND METHOD FOR MANUFACTURING
SEPARATOR (as amended)

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION CONCURRENT WITH THE
FILING OF A NEW PATENT APPLICATION)

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314
Mail Stop PCT

June 9, 2006

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☐ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

Some of the attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and PCT Preliminary Examination Report indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

WIPO Publication No. 2000-044059 corresponds to U.S. Patent No. 6,761,990. Japanese Patent Publication No. 2000-243408 corresponds to U.S. Patent No. 6,383,678. Japanese Patent Publication No. 2000-138067 corresponds to U.S. Patent No. 6,291,094. Japanese Patent Publication No. 2001-307747 corresponds to U.S. Patent No. 2001/0033957 and U.S. Patent 2004/0197467.

e. ☐ EQUIVALENCY DOCUMENTS

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By: 
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Enclosures:

- ☒ Form PTO-1449(s)
- ☒ Documents
- ☒ International Search Report (PCT/ISA/210)
- ☒ International Preliminary Examination Report (PCT/IPEA/409)

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FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE CITATION**
(Use several sheets if necessary)

Sheet 1 of 2

ATTORNEY DOCKET NO.

SERIAL NO.

2691-000043/US

New Application

APPLICANT

Yasushi KOBUCHI et al.

FILING DATE

June 9, 2006

GROUP

Unknown

U.S. PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date

FOREIGN PATENT DOCUMENTS

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
JP		2001-76748	03/23/2001	JAPAN		Abstract	
JP		8-180883	07/12/1996	JAPAN		Abstract	
JP		2003-297383	10/17/2003	JAPAN		Abstract	
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JP		2000-243408	09/08/2000	JAPAN		Abstract	
JP		63-289770	11/28/1988	JAPAN		Abstract	
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JP		2001-122677	05/08/2001	JAPAN		Abstract	
JP		2001-126744	05/11/2001	JAPAN		Abstract	
JP		2-168563	06/28/1990	JAPAN		Abstract	
JP		63-28251	02/24/1988	JAPAN		Abstract	
JP		2003-151572	05/23/2003	JAPAN		Abstract	
JP		2000-138067	05/16/2000	JAPAN		Abstract	
JP		2001-307747	11/02/2001	JAPAN		Abstract	
JP		2001-357859	12/26/2001	JAPAN		Abstract	
JP		2001-351642	12/21/2001	JAPAN		Abstract	
JP		2003-217611	07/31/2003	JAPAN		Abstract	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

Ref. Desig.	Examiner's Initials	
		International Search Report (PCT/ISA/210)
		International Preliminary Exam Report (PCT/IPEA/409)

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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